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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,*

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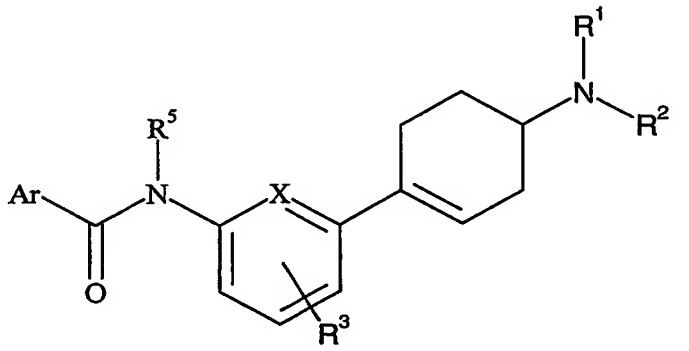
(54) Title: SUBSTITUTED (4-AMINOCYCLOHEXEN-1-YL)PHENYL AND (4-AMINOCYCLOHEXEN-1-YL)PYRIDINYL COMPOUNDS AS 5-HT1F AGONISTS



(I)

(57) Abstract: The present invention relates to compounds of formula (I) or a pharmaceutically acceptable acid addition salt thereof, where; X is -C(R^4)= or -N=; Ar is phenyl, substituted phenyl, heterocycle, or substituted heterocycle; R^1 and R^2 are independantly hydrogen or C_1-C_3 alkyl; R^3 is hydrogen, fluoro, or methyl; when X is -C(R^4)=, R^4 is hydrogen, fluoro, or methyl, provided that no more than one of R^3 and R^4 may be other than hydrogen; and R^5 is hydrogen, methyl, or ethyl. The compounds of the present invention are useful for activating 5-HT_{1F} receptors, inhibiting dural protein extravasation, and for the treatment or prevention of migraine in a mammal.

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